

ABSTRACT OF THE DISCLOSURE

In a magneto-optical recording medium having a recording reproduction layer between a substrate and a protective film layer, a recording head disposed at the protective film layer side produces a magnetic field and a light is projected from the recording head side so that information is recorded on the recording reproduction layer. A ratio $(Bs_2 \times t_2 / Bs_1 \times t_1)$ of a product $Bs_2 \times t_2$ to a product $Bs_1 \times t_1$ is not less than 0.2, where t_1 denotes a film thickness of a soft magnetic layer constituting a recording head for supplying the magnetic field to the magneto-optical recording medium, the recording head having a magnetic field generating coil, Bs_1 denotes a saturation magnetic flux density of the soft magnetic layer, t_2 denotes a film thickness of a soft magnetic layer constituting the magneto-optical recording medium, and Bs_2 denotes a saturation magnetic flux density of the soft magnetic layer.